

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A system comprising:
~~one or more processors communicatively coupled together and configured to receive:~~
a first processor to receive a position information pertaining to a position of a probe inside the body of a patient; and
a second processor to receive a patient information comprising at least two of the following types of information pertaining to the patient: blood pressure, temperature, respiratory rate, pulse oximetry, and respiratory CO₂ concentration; and
the first and second processors coupled in communication with one another and one or more displays, communicatively coupled to the processor, wherein the patient information is acquired at a same time as the position information, and wherein the display being configured to simultaneously display the position information and the patient information.
2. (Original) The system of claim 1, wherein the display is configured to display a structural map of the heart, the structural map being created using the position information.
3. (Original) The system of claim 1, wherein the position information pertains to the position of the probe inside a heart of the patient.
4. (Currently Amended) The system of claim 3, wherein the first processor is configured to receive electrical information pertaining to the heart of the patient, the electrical information being sensed using the probe, and wherein the display is configured to display an electrical map of the heart using the electrical information.

5. Cancelled.

6. (Currently Amended) The system of claim 1, wherein the patient information comprises at least four of the following types of information pertaining to the patient: blood pressure, temperature, respiratory rate, pulse oximetry, and respiratory CO₂ concentration.

7. (Currently Amended) The system of claim 1, wherein the a first portion of the display illustrates the position information and a second portion of the display simultaneously displays the position information and the illustrates the patient information.

8. Cancelled.

9. (Currently Amended) A system comprising:

a plurality of processors communicatively coupled together, the plurality of processors being configured to receive:

an electrophysiology module to receive a position information of a probe and an electrical information pertaining to a heart, the electrical information being sensed using a the probe positioned inside the heart;

a patient monitoring module to receive a position information pertaining to a position of the probe; and, the patient information comprising at least two of the following types of information pertaining to the patient: blood pressure, temperature, respiratory rate, pulse oximetry, and respiratory CO₂ concentration; and

a plurality of displays communicatively coupled to the processors the electrophysiology module and to the patient monitoring module, wherein the patient information is acquired at a same time as the electrical and position information, and wherein the displays being configured to simultaneously illustrate display the electrical information, the position information, and the patient information.

10. Cancelled.

11. Cancelled.

12. (Currently Amended) The system of claim 9, wherein ~~at least one of the displays~~
includes a first portion and a second portion, the first portion that illustrates the is
~~configured to display a structural map of the heart, the structural map being created using~~
the position information, and a second portion that illustrates the patient information
simultaneously acquired with the position information.

13. (Currently Amended) The system of claim 9, wherein ~~at least one of the displays~~
is configured to display an electrical map of the heart using the electrical information.

14-17. Cancelled.

18. (Currently Amended) A system comprising:

a patient monitoring module configured to receive patient information
comprising at least two of the following types of information: blood pressure,
temperature, respiratory rate, pulse oximetry, and respiratory CO₂ concentration, wherein
the patient monitoring module comprises a display configured to display the patient
information; and

an electrophysiology module configured to receive:

electrical information pertaining to a heart of a patient, and
electrical information being sensed using a probe positioned inside the heart; and

position information pertaining to a position of the probe inside the
heart;

wherein the electrophysiology module comprises a display
configured to display the electrical and/or position information;

wherein the patient monitoring module and the electrophysiology module
are coupled in communication with each other and a display, wherein the patient
information is acquired at a same time as the electrical and position information, and
wherein the display configured to simultaneously illustrate the electrical information, the
position information, and the patient information.

19. (Original) The system of claim 18, wherein the patient monitoring module is configured to be selectively coupled to and decoupled from the electrophysiology module.
20. (Original) The system of claim 18, wherein the patient monitoring module and the electrophysiology module are configured to communicate wirelessly with each other.
21. (Original) The system of claim 18, wherein the display of the electrophysiology module is configured to display a structural map of the heart, the structural map being created using the position information.
22. (Original) The system of claim 18, wherein the display of the electrophysiology module is configured to display an electrical map of the heart using the electrical information.
23. (Currently Amended) A system comprising:
- a probe configured to be positioned inside a body of a patient and in or adjacent to a heart of the patient, the probe also being configured to sense an electrical information pertaining to the heart;
 - a console comprising computer components which are communicatively coupled to one or more displays and to the probe, the console including a docking station to couple the computer components being configured to receive the electrical information and; a position information pertaining to a position of the probe, with the computer components configured to receive and a patient information comprising at least two of the following types of information: blood pressure, temperature, respiratory rate, pulse oximetry, and respiratory CO₂ concentration; and
 - wherein the display ~~is configured to~~ including a first portion and a second portion, the first portion to illustrate display the patient information simultaneously with and at least one of the electrical information and the position information illustrated in the second portion.
24. (Original) The system of claim 23, wherein the electrical information comprises the activation times for the heart.

1 25. (Currently Amended) The system of claim 23, wherein the second portion of the
2 display is configured to display an electrical map of the heart using the electrical
3 information.

1 26. Cancelled.

1 27. (Currently Amended) The system of claim 23, wherein the second portion of the
2 display is configured to display a structural map of the heart, the structural map being
3 created using the position information.

1 28. (Original) The system of claim 23, comprising a plurality of probes positioned in
2 or adjacent to the heart.

1 29. (New) The system of claim 1, comprising a docking station to couple the first
2 processor to the second processor and the display.

1 30. (New) The system of claim 9, comprising a docking station that couples the
2 patient monitoring module to the electrophysiology module.

1 31. (New) The system of claim 18, comprising a docking station that selectively
2 couples the patient monitoring module to the electrophysiology module.

1 32. (New) The system of claim 9, comprising a docking station that couples the
2 patient monitoring module to the electrophysiology module.

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